To increase the usefulness of this tool, the following accessories are recommended:

88-050	50 ft., 16 ga., 3 wire OUTDOOR EXTENSION CORD
88-100	100 ft., 16 ga., 3 wire OUTDOOR EXTENSION CORD
80-337	GRASS CATCHER ASSEMBLY
80-137	Replacement GRASS BAG
80-336	Replacement BLADE

CAUTION: The above accessories are recommended for use with your mower. The use of any other accessory or attachment might be hazardous.

Home Use Warranty (A Full One Year Warranty)

Black & Decker warrants this product for one year. We will repair, without charge, any defects due to faulty material or workmanship or at our option replace the product free. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact your nearest Black & Decker Service Center manager.

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Black & Decker (U.S.) Inc., Towson, Maryland 21204

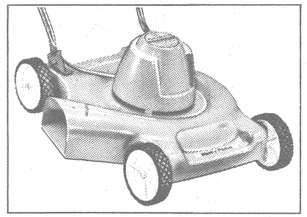
Form No. 679056 (DEC 78-AL) Printed in U.S.A.

Black & Decker®

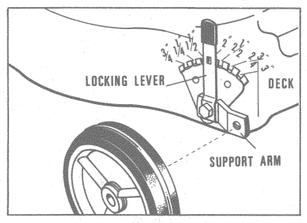
$

electric
18" single blade lawn mower
model 8008

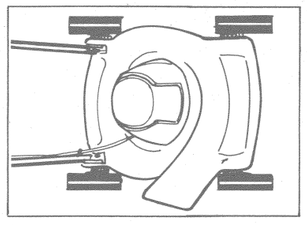
Safe, clean, electric power—No oil or gas—
No starting or stopping problems.



LIGHTWEIGHT—only 37 lbs., easy to maneuver.



SEVEN POSITION CUTTING HEIGHT—you can select the right height from ¾" to 3".



RECESSED WHEELS for close cutting to walls, fences and trees.

DOUBLE INSULATED—no grounding required.

This Product is Listed by UNDERWRITERS' LABORATORIES, INC. and Bears the Mark: UL®

OWNER'S MANUAL

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ASSEMBLY

1. Open carton and remove cardboard fillers and plastic hardware bag(s) (contents shown in Figure 1).

A. Shoulder bolts, lockwashers and hex nuts for attaching handle tubes to mower deck.

B. Curved head bolts, lockwashers and hex nuts for fastening upper and lower handle sections together.

C. Screws and hex nuts for attaching switch to handle.

D. Plastic straps for holding cord close to side of handle.

E. Axle bolts for fastening wheels to mower deck.

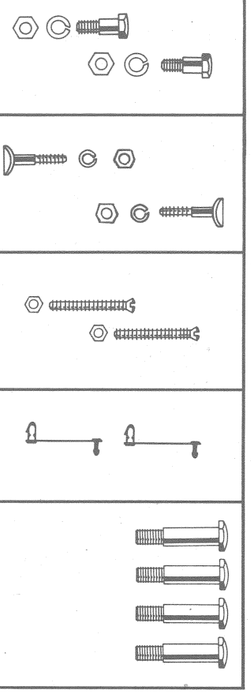


FIGURE 1

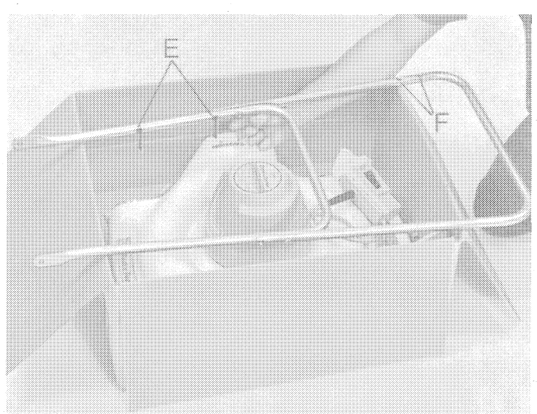


FIGURE 2

ASSEMBLY CONT'D

2. Without removing mower from carton, insert larger, hollow end pegs on plastic straps (Item "D", Fig. 1) into holes in lower handle section at locations "E", Figure 2. (These straps will be used later in step 5 to hold the cord close to handle.)

   Fasten upper and lower handle sections together (Figure 2) with curved head bolts, hex nuts and lockwashers (Item "B", Figure 1).

IMPORTANT: Handle must be assembled so that plastic straps "E" (Figure 2), and switch mounting holes "F" are on the same side as the grass discharge opening.

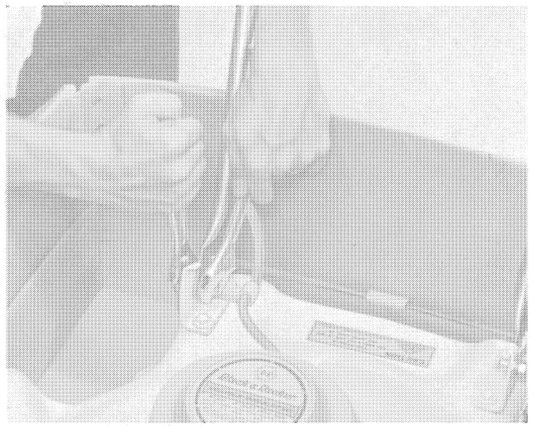


FIGURE 3

3. **Attach handle to mower deck with 2 shoulder bolts, lock washers and nuts (Item "A", Figure 1). Squeeze handle legs together slightly to fit them into mounting brackets. Lockwashers go on outside under nuts. Tighten with two wrenches as shown in Figure 3.**

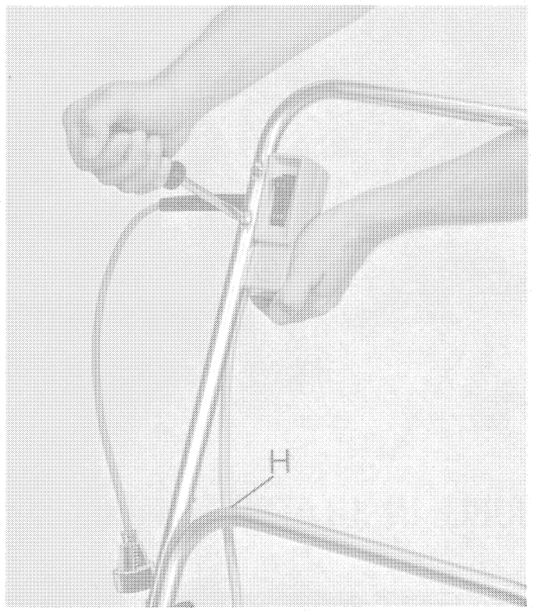


FIGURE 4

4. See Figures 4 & 5. With power cord **under** center cross tube "H" (Figure 4), attach switch using two oval head screws and nuts (Item "C", Figure 1).

CLEANING AND STORAGE CONT'D

PREVENTING CORROSION — Fertilizers and other garden chemicals contain agents which greatly accelerate the corrosion of metals. If you mow in areas where fertilizers or chemicals have been used, the mower should be cleaned immediately afterward as follows: (1) Be sure the tool is unplugged. (2) Wipe all exposed parts with a damp cloth. CAUTION: DO NOT POUR OR SPRAY WATER ON THE MOWER IN AN ATTEMPT TO CLEAN IT. Do not store the tool on or adjacent to fertilizers or chemicals. Such storage can cause rapid corrosion.

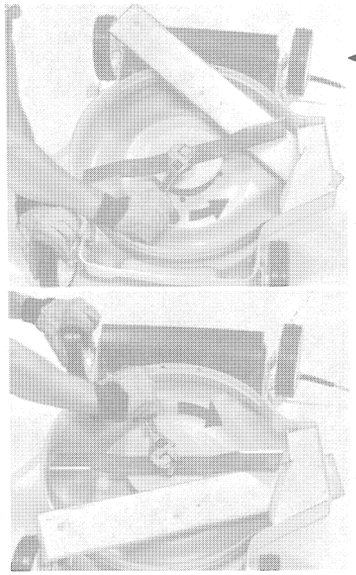
IMPORTANT

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement) should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using Black & Decker replacement parts. When servicing Double-Insulated Tools, use ONLY IDENTICAL REPLACEMENT PARTS.

REMOVING & ATTACHING BLADES

1. UNPLUG MOWER!

2. Cut a piece of 2 x 4 wood (about 2 feet long) to keep blade from turning while removing blade nut.



◄ FIGURE 15

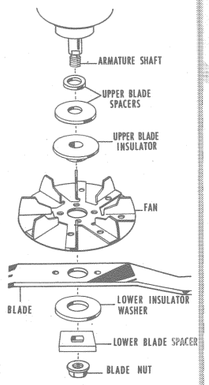


FIGURE 17 FIGURE 16

3. Wear gloves. Position wood and remove nut as shown in Figure 15. (If square blade spacer starts to turn with nut, use a second wrench to hold spacer and keep shaft from turning).

4. Remove lower blade spacer, lower insulator washer and blade (Figure 16).

5. When replacing sharpened or new blade on shoulder of upper blade insulator, make sure cutting edges of the blade are closest to ground. Place lower insulator washer over shoulder of the upper blade insulator, sandwiching blade in between. Now place blade spacer and the blade nut on the shaft. Position wood to keep shaft from turning (Figure 17) and then securely tighten blade nut. (If square blade spacer starts to turn with nut, use a second wrench to hold spacer and keep shaft from turning).

LUBRICATION

At the end of each season, lubricate the upper motor bearing as follows:

1. UNPLUG MOWER!

2. Remove the motor cover as follows: (a) Loosen the mounting screw at rear of the motor (Figure 18). (b) Carefully push in on the forward cover locating tab (Figure 19). (c) Tilt cover forward (toward tabs) and remaining tab will come free as cover is lifted off.

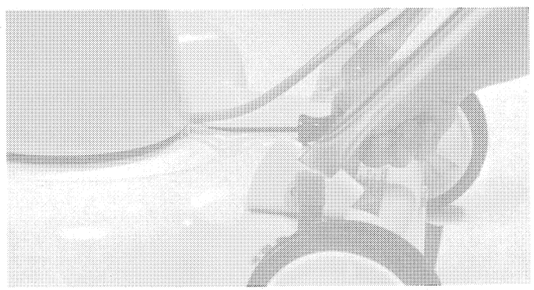


FIGURE 18

LUBRICATION CONT'D

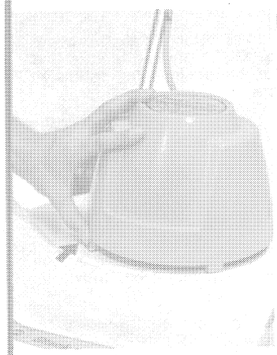


FIGURE 19

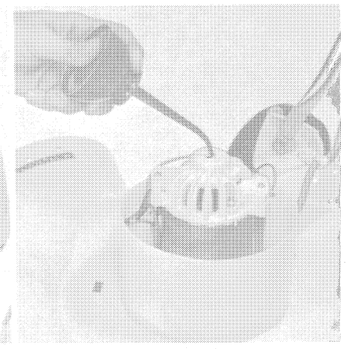


FIGURE 20

3. Place five (5) drops of motor oil in the felt reservoir at the top of the motor (Figure 20).

4. Replace the motor cover on deck as follows: (a) Place the cover locating tab (opposite the one you pushed in to remove cover) in its slot in the deck. (b) Carefully snap the other forward locating tab (Figure 19) in the deck. (c) Position the electric motor cord between the locating fingers on the rear of the motor cover. Do not pinch the cord. (d) Retighten the mounting screw.

No other lubrication is necessary. Do not oil the wheels. They have plastic bearings which require no lubrication.

CLEANING & STORAGE

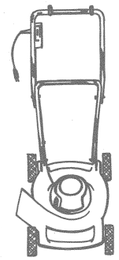


FIGURE 21

UNPLUG CORD! Use only mild soap and a damp cloth to clean the mower. Many household cleaners contain chemicals which could seriously damage the plastic. Also, do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Clean out any clippings which may have accumulated on the underside of the deck. After several uses, check all exposed fasteners for tightness.

Your mower should be stored in a dry place, and to save space it can be hung on a wall (Figure 21) as follows:

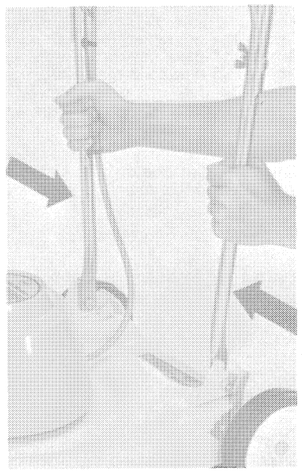


FIGURE 22

1. Squeeze the lower handle legs so that they clear the mounting brackets on the mower deck (Figure 22).

2. Lower the handle to a horizontal position, **away from grass discharge opening.**

3. Mount brackets on the wall, spaced to fit under both sides of the handle grip. Keep mower deck and handle parallel and hang on brackets (Figure 21).

ASSEMBLY CONT'D

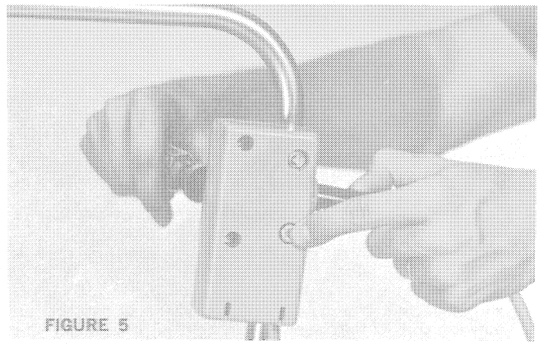


FIGURE 5

5. Plastic straps hold cord close to handle (Figure 6). Bend each strap around cord and push peg at outer end of strap into hole in inside end of strap where it is fastened to handle.

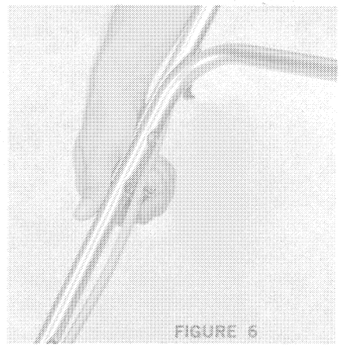


FIGURE 6

WHEEL ASSEMBLY

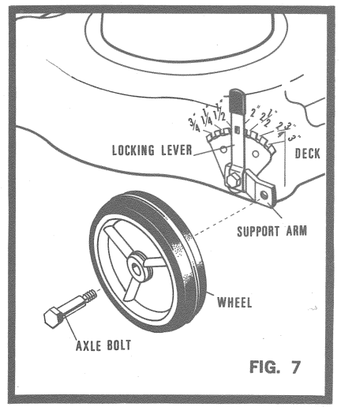
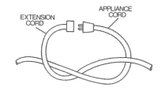


FIG. 7

1. Insert axle bolt through hole in wheel (Fig. 7).
2. Thread axle bolt in support arm hole and tighten with wrench.
3. Repeat for the other three wheels.
4. Adjust cutting height.
   a. Push outward on locking lever and move it to slot location for desired cutting height.
   b. Repeat for other 3 wheels.

ATTACHING EXTENSION CORD TO MOWER CORD

DO NOT connect the extension cord to power source until you have finished reading this manual and are ready to start mowing.



No. 80-305

FIGURE 8A

FIGURE 8B

To prevent disconnection of mower cord from extension cord when mowing, (1) make a knot as shown in Figure 8A, or (2) use one of the accessory Cord Connectors shown in Figure 8B (available at small extra cost from your dealer).

DOUBLE INSULATION

Your Mower is DOUBLE-INSULATED to give you added safety. This means that it is constructed throughout with TWO separate "layers" of electrical insulation or one DOUBLE thickness of insulation between you and the tool's electrical system.

Tools built with this insulation system are not intended to be grounded. As a result, your mower is equipped with a two-prong plug which permits you to use extension cords without concern for maintaining a ground connection.

NOTE: DOUBLE-INSULATION does not take the place of normal safety precautions when operating this mower. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

CAUTION: When servicing Double Insulated Tools, USE ONLY IDENTICAL REPLACEMENT PARTS. Repair or replace damaged cords.

EXTENSION CORD

Use only U.L. listed "outdoor" extension cords.

To prevent loss of power and overheating, the size of the wires in an extension cord must be of adequate size. Use the table below to determine minimum wire size required.

	Up to 100 Ft.	100 Ft. to 200 Ft.
Extension Cord Length		
Minimum Wire Size* (120 Volt Tools	16	14
Minimum Wire Size* (220 Volt Tools	16	16

*American Wire Gauge

NOTE: The lower the wire size number, the heavier the wire, and the farther it will carry current without a significant voltage drop.

Before using any extension cord, inspect it, and the short mower power cord, for loose or exposed wires and damaged insulation. Make any needed repairs or replacement before using with mower. If you cut or damage the extension cord, **unplug it at the electrical outlet before moving the mower or examining the damage.** If there is damage to the extension cord, make any needed repairs before using it.

NOTE: Your mower is a major appliance and should not be operated simultaneously with other major appliances on the same household circuit.

SAFETY RULES FOR ELECTRIC LAWN & GARDEN TOOLS

1. **AVOID DANGEROUS ENVIRONMENT** — Don't use tools in damp or wet locations.
2. **KEEP CHILDREN AWAY** — All visitors should be kept a safe distance from work area.
3. **STORE IDLE TOOLS INDOORS** — When not in use, tool should be stored indoors in dry, high or locked-up place — out of reach of children.
4. **DON'T FORCE TOOL** — It will do the job better and safer at the rate for which it was designed.
5. **USE RIGHT TOOL** — Do not use tool for any job except that for which it is intended.
6. **DRESS PROPERLY** — Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial rubber soled footwear is recommended when working outdoors.
7. **DON'T ABUSE CORD** — Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
8. **WARNING** — To prevent shock hazard use only with an extension cord suitable for outdoor use.
9. **DON'T USE TOOL IN RAIN.**
10. **DON'T OVERREACH** — Keep proper footing and balance at all times.
11. **MAINTAIN TOOLS WITH CARE** — Keep cutting edges sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
12. **DISCONNECT TOOL** — Disconnect the tool from the power supply when not in use, before servicing, when changing accessories such as blades, etc.
13. **AVOID ACCIDENTAL STARTING** — Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
14. **EXTENSION CORDS** — To prevent disconnection of mower cord from the extension cord during operation, connect cords exactly as shown in Figure 10.
15. **KEEP GUARDS IN PLACE** and in working order.
16. **KEEP BLADES SHARP.**
17. **KEEP HANDS AND FEET** away from cutting area.
18. **OBJECTS STRUCK BY THE LAWN MOWER BLADE** can cause severe injuries to persons. The lawn should always be carefully examined and cleared of all objects prior to each mowing.
19. **IF MOWER STRIKES A FOREIGN OBJECT** follow these steps: (a) Stop mower, (b) Unplug power cord, (c) Inspect for damage, (d) Repair any damage before restarting and operating the mower.
20. **USE IDENTICAL REPLACEMENT BLADES ONLY.**
21. **DO NOT OPERATE** electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

ADDITIONAL LAWN MOWER SAFETY RULES

Training:

1. Read the operating and service instruction manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Never allow children to operate a power mower.
3. Keep the area of operation clear of all persons, particularly small children, and pets.

Preparation:

1. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
2. Do not operate the equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Never attempt to make a wheel height adjustment while the motor is running.
4. Mow only in daylight or in good artificial light.
5. Never operate the equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk; never run.

Operation:

1. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
2. Stop the blades when crossing gravel drives, walks, or roads.
3. After striking a foreign object, stop the motor, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
4. If the equipment should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
5. Stop the motor whenever you leave the equipment, before cleaning the mower housing, and when making any repairs or inspections.
6. When cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped.
7. Shut the motor off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
8. Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
9. Always disconnect electric mowers before cleaning, repairing, or adjusting.
10. Never operate the mower without proper guards, plates, or other safety protective devices in place.

Maintenance and Storage:

1. Check the blade at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Check the grass catcher bag frequently for wear or deterioration. Replace with new bags for safety protection.

SWITCH

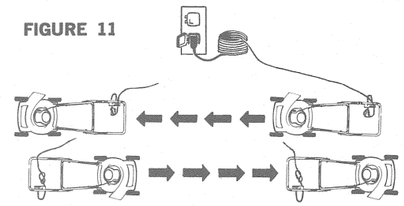
The rocker-type switch, which you have attached to the upper handle, turns the mower "ON" and "OFF." Always be sure that this button is in the "OFF" position before plugging extension cord into the power supply receptacle.

When you turn the switch "OFF", the motor is electrically braked so that the blade will stop rotating in about four seconds. DO NOT stop motor by disconnecting cord.

MOWING PROCEDURE

1. Inspect area where mower is to be used and remove all stones, sticks and other debris which might be thrown by the rotating blade.
2. Place most of the extension cord close to the electrical outlet, out of the path of the mower. CAUTION: Do not plug extension cord into receptacle outlet while standing in water or when hands are wet.

FIGURE 11



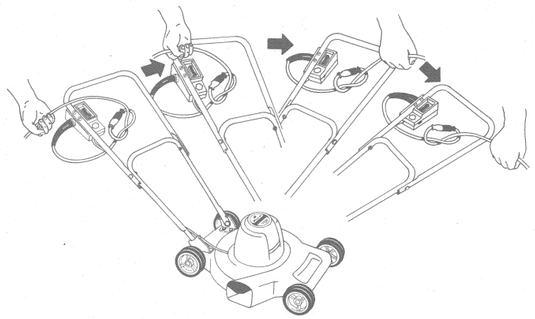


FIGURE 12

3. Begin mowing in the area closest to the outlet and mow in a back and forth manner (Figure 11). When you reach the edge of the lawn, **pivot the mower on the rear wheels toward the cord.** At the same time, grasp the cord and flip the cord over the mower so that cord again lies on cut portion of lawn (Figure 12). This action at the end of each cut will keep the extension cord away from the path of the mower.
4. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes. Always maintain good footing.
5. Turn mower "OFF" when crossing any graveled area (stones can be thrown by the blade).
6. Set mower at highest cutting height when mowing in rough ground or in tall weeds.
7. From time to time stop the mower — UNPLUG CORD — turn mower on its side. Wipe out any accumulation of grass in the blade area. Be careful of the sharp edges of the blade. If a grass catcher is used during the fast growing season, the grass may tend to clog up at the discharge opening. Turn the switch "OFF" and disconnect the power cord plug. Remove the catcher and shake the grass down to the back END of the bag. Also clean out any grass or debris which may be packed around the discharge opening. Replace the grass catcher.

MOWING PROCEDURE CONT'D

8. If moist grass causes frequent clogging, it will help to clear the clippings from under the deck if you increase the cutting height at the front (only) of the mower. The rear wheel setting will maintain the grass height you want.
9. If mower should start to vibrate abnormally, turn mower "OFF" and unplug power cord. Check immediately for cause. Vibration is a warning of trouble. Do not operate mower until a service check has been made.
10. ALWAYS TURN THE SWITCH OFF AND UNPLUG THE MOWER WHEN LEAVING IT UNATTENDED EVEN FOR A SHORT PERIOD OF TIME.
11. When you are finished mowing, turn mower "OFF", and unplug the extension cord at the electrical outlet before coiling it for storage.

SAFETY SHIELD

This plastic shield (Figure 13) is designed to prevent the mower blade from throwing stones or other objects backward under the mower deck. DO NOT operate mower without this safety shield in place.

FIGURE 13

BLADE SHARPENING

Keep blades sharp for best mower performance. Sharpening procedure is as follows:

1. UNPLUG MOWER!

2. The blade can be sharpened in several different ways. Try to maintain the original cutting angle, and sharpen each cutting edge an equal amount. Bent or damaged blades should be replaced with No. 80-336 Replacement Blade.

BY HAND — Blade need not be removed. Being careful not to cut yourself, sharpen both edges of the blade with a sharpening stone or fine-tooth file.

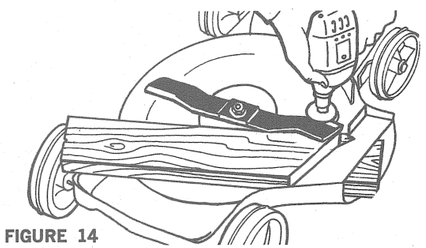


FIGURE 14

B&D No. 80-306 BLADE SHARPENER — Wear Safety Glasses! To keep blade from turning, place a 2 x 4 (about 2 feet long) through the chute and against the side of the wheel as shown in Figure 14. Mount the sharpener in a ¼" or ⅜" electric drill. Start the drill, hold it with both hands, and move the groove in the sharpener lightly back and forth along the cutting edge. When one end of blade is sharpened, remove 2 x 4, turn blade 180°, replace 2 x 4, and again sharpen as in Figure 14.

OTHER SHARPENING METHODS — Wear Safety Glasses! With the blade removed from the tool, it can also be sharpened on a bench grinder, or, when held in a vise, with above Blade Sharpener or a power disc sander.